

MARINE CORPS WARFIGHTING LABORATORY

The **Target Handoff System (Experimental)** (THS (X)) provides a universal, combined-arms, targeting software that enables precision-target location and digital-mission handoff to fire-support agencies.

Background: The Lab has supported the Marine Corps System Command (MCSC) by developing the third advanced phase of the material solution to for the Target Location Designation Handoff System (TLDHS) Operational Requirements Documents. The best components of three Lab efforts, – the Advanced Close Air Support System, Universal Combined Arms Targeting System and Precision Target Acquisition Mobile, as well as and the Marine Corps System Commands (MCSC's) Block I and II software – have been combined into the THS(X) effort. THS(X) fulfills the MCSC Block II requirement for the Target Location Designation Handoff System and the Family of Interoperable Operational Pictures (FIOP) Task II. In June 2002, the Lab and Marine Corps Systems Command established a technology transition agreement to transition THS(X) into the TLDHS program. The THS(X) block II software was transitioned to MCSC in April, 2004 is now named StrikeLink.

Description: THS(X) is comprised of the following components:

1. A ruggedized, handheld computer with an embedded Global Positioning System (GPS), laser range finder and radio. The system can process a lased target as a fire mission for ground, air and naval surface fires simultaneously or separately, then pass that fire mission to the firing agencies/aircraft.
2. A simplified and intuitive graphical user interface to ensure faster response/training.
3. Scalable, color, moving-map display with GPS centering for advanced situational awareness, mission execution and safety planning.

TARGET HANDOFF SYSTEM (Experimental)

fact sheet



4. A command and control personal computer (C2PC) operating environment.
5. Precision fire control interoperability to support the FIOP architecture and philosophy.

Deliverable Product: THS (X) will provide an advanced software capability that meets the TLDHS spiral acquisition plan.

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